

## AMENDMENTS

Claim amendments:

1. (Currently Amended) A method in a video production facility system for ~~creating producing~~ closed caption data for video programming events, comprising:

receiving script data for a video program from a production system used in production of the video program;

determining identifiers ~~for~~ of each of multiple segments of the program; and

~~creating producing~~ closed caption data for the program from the script data, the closed caption data comprising text data corresponding to said script data, and timing data provided at locations corresponding to beginnings of each of the multiple segments of the program, the timing data that corresponds to a segment comprising an identifier of the corresponding segment.

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2. (Previously Amended) The method claimed in claim 1, wherein said closed caption data further comprises timing data provided at locations corresponding to ends of each segment.

3. Canceled

4. Canceled

5. (Previously Amended) The method claimed in claim 1, further comprising providing synchronized transmission of the closed caption data and the segments.

6. (Previously Amended) The method claimed in claim 5, wherein providing synchronized transmission comprises synchronizing transmission of

the closed caption data to the display of corresponding text by a teleprompter system to a person who appears in the video program as a reader of the text.

7. (Previously Amended) The method claimed in claim 1, further comprising storing the segments of the program and the closed caption data on a machine readable storage medium.

8. (Previously Amended) The method claimed in claim 1, wherein the timing data for a segment comprises an identifier associated with the segment and data indicating an amount of time by which the identifier precedes the beginning of the segment.

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9. (Previously Amended) The method claimed in claim 1, wherein the timing data for a segment comprises an identifier associated with the segment that is provided in the closed caption data at a location separated from the beginning of the segment by a predetermined amount of time.

10. (Original) The method claimed in claim 1, wherein the timing data is encoded as hidden closed caption data.

11. (Original) The method claimed in claim 1, wherein said timing data is accompanied by a timing data marker.

12. (Original) The method claimed in claim 1, wherein said timing data is encrypted.

13. (Currently Amended) A program-controlled device for creating ~~producing~~ closed caption data for video programming events, the device comprising a computer readable medium having stored therein programming instructions to cause the device to perform processing comprising:

receiving script data for a video program from a production system used in production of the video program;

determining identifiers for ~~of~~ each of multiple segments of the program; and

creating ~~producing~~ closed caption data for the program from the script data, the closed caption data comprising text data corresponding to said script data, and timing data provided at locations corresponding to beginnings of each of the multiple segments of the program, the timing data that corresponds to a segment comprising an identifier of the corresponding segment.

14. (Previously Amended) The device claimed in claim 13, wherein said closed caption data further comprises timing data provided at locations corresponding to ends of each segment.

15. Canceled

16. Canceled

17. (Previously Amended) The device claimed in claim 13, further comprising providing synchronized transmission of the closed caption data and the segments.

18. (Previously Amended) The device claimed in claim 17, wherein providing synchronized transmission comprises synchronizing transmission of the closed caption data to the display of corresponding text by a teleprompter system to a person who appears in the video program as a reader of the text.

19. (Previously Amended) The device claimed in claim 13, further comprising storing the segments of the program and the closed caption data on a machine readable storage medium.

20. (Previously Amended) The device claimed in claim 13, wherein the timing data for a segment comprises an identifier associated with the segment

and data indicating an amount of time by which the identifier precedes the beginning of the segment.

21. (Previously Amended) The device claimed in claim 13, wherein the timing data for a segment comprises an identifier associated with the segment that is provided in the closed caption data at a location separated from the beginning of the segment by a predetermined amount of time.

22. (Original) The device claimed in claim 13, wherein the timing data is encoded as hidden closed caption data.

23. (Original) The device claimed in claim 13, wherein said timing data is accompanied by a timing data marker.

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24. (Original) The device claimed in claim 13, wherein said timing data is encrypted.

25. (Currently Amended) A method of aligning closed caption data with a corresponding video program, comprising:

producing closed caption data comprising timing data and text data corresponding to at least an audio portion of the video program, the timing data comprising beginning timing data provided at locations in the closed caption data corresponding to beginnings of program segments ~~programming events~~ within the video program;

producing a video signal for the video program; and

synchronizing the closed caption data to the video signal in accordance with the display of corresponding text by a teleprompter system to a person who appears in the video program ~~the video as~~ a reader of the text during production of the video program.

26. (Original) The method claimed in claim 25, the timing data further comprising end timing data provided at locations corresponding to ends of programming events.

27. (Previously Amended) The method claimed in claim 25, wherein the beginning timing data is provided at respective beginnings of multiple programming events that are each one of multiple segments within the video program.

28. (Previously Amended) The method claimed in claim 25, wherein the end timing data is provided at respective ends of multiple programming events that are each one of multiple segments within the video program.

29. (Original) The method claimed in claim 25, further comprising transmitting the synchronized video signal and closed caption data to client video reception devices.

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30. (Original) The method claimed in claim 25, further comprising storing the synchronized video signal and closed caption data on a machine readable storage medium.

31. (Original) The method claimed in claim 25, wherein the timing data comprises an identifier associated with a programming event of the television program.

32. (Original) The method claimed in claim 25, wherein the timing data comprises an identifier associated with a programming event of the television program and data indicating an amount of time by which the identifier precedes the beginning of the programming event.

33. (Original) The method claimed in claim 25, wherein the timing data comprises an identifier associated with a programming event of the television

program that is inserted into the closed caption data at a location separated from the beginning of a programming event by a predetermined amount of time.

34. (Original) The method claimed in claim 25, wherein the timing data is encoded as hidden data.

35. (Previously Amended) The method claimed in claim 25, wherein the television program is a live news program.

36. (Previously Amended) The method claimed in claim 25, wherein the television program is a live home shopping program.

37. (Original) The method claimed in claim 25, wherein said timing data is accompanied by a timing data marker.

38. (Original) The method claimed in claim 25, wherein said timing data is encrypted.

39. (Currently Amended) A system for aligning closed caption data with a corresponding video program, comprising:

a video signal source providing a video signal of the program;

a closed caption data source providing closed caption data including text data for the video program and timing data for program segments ~~programming events~~ within the video program, the timing data comprising beginning timing data provided at locations in the closed caption data corresponding to beginnings of program segments ~~programming events~~ within the video program; and

a teleprompter system for displaying text to a person who appears in the video program as a reader of the text; and

a synchronizing device that synchronizes the closed caption data ~~being synchronized~~ to the video signal in accordance with display of corresponding

text by the teleprompter system to the person reading the text during production of the video program.

40. (Currently Amended) The system ~~device~~ claimed in claim 39, the timing data further comprising end timing data provided at locations corresponding to ends of programming events.

41. (Currently Amended) The system ~~device~~ claimed in claim 39, wherein the beginning timing data is provided at respective beginnings of multiple programming events that are each one of multiple segments within the video program.

42. (Currently Amended) The system ~~device~~ claimed in claim 39, wherein the end timing data is provided at respective ends of multiple programming events that are each one of multiple segments within the video program.

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43. (Original) The system claimed in claim 39, further comprising a storage device for storing the video signal and the synchronized closed caption data on a machine readable storage medium.

44. (Original) The system claimed in claim 39, further comprising a transmitter for providing the video signal and the synchronized closed caption data to a transmission medium.

45. (Currently Amended) The system ~~device~~ claimed in claim 39, wherein said timing data is accompanied by a timing data marker.

46. (Currently Amended) The system ~~device~~ claimed in claim 39, wherein said timing data is encrypted.

47. (Previously Amended) A machine readable storage medium storing signals representing a video program, the signals comprising:

a video signal representing a video portion of the video program; and  
closed caption data comprising text data corresponding to at least an  
audio portion of the video program, and timing data comprising identifiers of  
respective ones of multiple segments of the video program, the locations of the  
timing data in the closed caption data indicating the beginnings of respective  
ones of the multiple segments within the video program.

48. (Original) The storage medium claimed in claim 47, wherein said  
timing data is accompanied by timing data markers.

49. (Original) The storage medium claimed in claim 47, wherein said  
timing data is encrypted.

50. (Currently Amended) A method in a video production facility system  
for producing a video, comprising:

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identifying each of multiple segments within a video program through  
analysis of ~~from~~ production system data received from a production system  
used to produce the video program;

determining identifiers for ~~of~~ each of the multiple segments of the video  
program; and

creating ~~producing~~ a video signal representing ~~for~~ the program, the video  
signal comprising timing data provided at locations corresponding to beginnings  
of each of the multiple segments of the video program, the timing data  
comprising an identifier of the corresponding segment.

51. (Previously Amended) The method claimed in claim 50, wherein said  
video signal further comprises timing data provided at locations corresponding to  
ends of each segment.

52. Canceled

53. Canceled



54. (Original) The method claimed in claim 50, wherein said timing data is provided in vertical blanking intervals of the video signal.

55. (Original) The method claimed in claim 50, wherein said timing data is provided in data fields of a digital video signal.

56. (Original) The method claimed in claim 50, further comprising storing the video signal including the timing data on a machine readable storage medium.

57. (Previously Amended) The method claimed in claim 50, wherein the timing data for a segment comprises an identifier associated with the segment and data indicating an amount of time by which the identifier precedes the beginning of the segment.

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58. (Previously Amended) The method claimed in claim 50, wherein the timing data for a segment comprises an identifier associated with the segment that is inserted into the video signal at a location separated from the beginning of the segment by a predetermined amount of time.

59. (Original) The method claimed in claim 50, wherein said timing data is accompanied by a timing data marker.

60. (Original) The method claimed in claim 50, wherein said timing data is encrypted.

61. (Currently Amended) A program-controlled device for providing closed caption data for video programming events, the device comprising a computer readable medium having stored therein programming instructions to cause the device to perform processing comprising:

identifying ~~determining~~ each of multiple segments within a video program ~~from~~ through analysis of production system data received from a production system used to produce the video program;

determining identifiers for ~~of~~ each of the multiple segments of the video program; and

creating ~~producing~~ a video signal representing ~~for~~ the program, the video signal comprising timing data provided at locations corresponding to beginnings of each of the multiple segments of the video program, the timing data comprising an identifier of the corresponding segment.

62. (Previously Amended) The device claimed in claim 61, wherein said video signal further comprises timing data provided at locations corresponding to ends of each segment.

63. Canceled

64. Canceled

65. (Original) The device claimed in claim 61, wherein said timing data is provided in vertical blanking intervals of the video signal.

66. (Original) The device claimed in claim 61, wherein said timing data is provided in data fields of a digital video signal.

67. (Original) The device claimed in claim 61, further comprising storing the video signal including the timing data on a machine readable storage medium.

68. (Previously Amended) The device claimed in claim 61, wherein the timing data for a segment comprises an identifier associated with the segment and data indicating an amount of time by which the identifier precedes the beginning of the segment.

69. (Previously Amended) The device claimed in claim 61, wherein the timing data for a segment comprises an identifier associated with the segment that is inserted into the video signal at a location separated from the beginning of the segment by a predetermined amount of time.

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70. (Original) The device claimed in claim 61, wherein said timing data is accompanied by a timing data marker.

71. (Original) The device claimed in claim 61, wherein said timing data is encrypted.

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